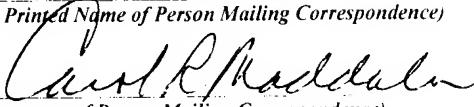


| CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8) | | | Docket No. | |
|--|----------------------------------|---------------------|------------------------|--|
| Applicant(s): Mark V. Hanson et al. | | | GL-01-1 | |
| Serial No. 10/077,701 | Filing Date February 14, 2002 | Examiner UNKNOWN | Group Art Unit 1712 | |
| Invention: NOVEL HYDROXYARYL PHOSPHINE OXIDES, GLYCIDYL ETHERS AND EPOXY COMPOSITIONS, COMPOSITES AND LAMINATES DERIVED THEREFROM | | | | |
| <div style="text-align: right;">RECEIVED APR 24 2002 TC 1700</div> <p>I hereby certify that this <u>IDS, with references, Form PTO-1449 and return postcard</u> (Identify type of correspondence)</p> <p>is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on <u>April/6, 2002</u> (Date)</p> <div style="text-align: center;"><p>Carol R. Maddaloni (Typed or Printed Name of Person Mailing Correspondence)</p><p> (Signature of Person Mailing Correspondence)</p></div> <p>Note: Each paper must have its own certificate of mailing.</p> | | | | |



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mark V. Hanson et al.

U.S. Serial No. 10/077,701

Filed February 14, 2002

Attorney Docket No. GL-01-1

For: NOVEL HYDROXYARYL PHOSPHINE
OXIDES, GLYCIDYL ETHERS AND
EPOXY COMPOSITIONS, COMPOSITES
AND LAMINATES DERIVED THERE-
FROM

Examiner: UNKNOWN

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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.56, 1.97 AND 1.98

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Sir:

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 C.F.R. 1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. 1.56(a). While information referred to in this Information Disclosure Statement may be material pursuant to 37 C.F.R. 1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 C.F.R. 1.97(h), constitute an admission that any patent, publication or other information referred to is, or is considered to be, material to the patentability of this invention. Pursuant to 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information exists.

- ☒ (a) This information Disclosure Statement is filed within the period set forth in §1.97(b) because it accompanies the new patent application submitted herewith, is filed within three months of the filing date of a national application or within three months of the date of entry of the national stage as set forth in §1.491 in an international application. Or is believed to be filed before the mailing date of a first Office Action on the merits, whichever event occurs last. However, in the event that the first office action has been mailed, the Commissioner is authorized to charge any fees under 37 C.F.R. 1.17(p) or credit any overpayment to Account No. 50-0935.

- ☐ This Information Disclosure Statement is filed after the period set forth in 37 C.F.R. 1.97(b), but is believed to be filed before the mailing date of a final action under §1.311, whichever occurs first.

- ☐ (1) The undersigned attorney certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement:

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- ☐ (3) This Information Disclosure Statement is accompanied by a transmittal letter in which payment of the fee set forth in §1.17(p) and required by 37 C.F.R. 1.97 (c) is authorized.

A. **Patents**

1. U.S. Patent No. 3,751,481, issued August 7, 1973, entitled "Process for the Production of Tertiary Phosphines", of *K. Weinberg*;
2. U.S. Patent No. 3,784,638, issued January 8, 1974, entitled "Preparation of Tertiary Organo-Phosphine Oxides", of *R.F. Lambert*;
3. U.S. Patent No. 3,852,362, issued December 3, 1974, entitled "Preparation of Tertiary Organophosphine Oxides", of *R.F. Lambert*;
4. U.S. Patent No. 4,126,602, issued November 21, 1978, entitled "Aromatic Polyesters Having Improved Properties", of *G. Salee*;
5. U.S. Patent No. 4,187,259, issued February 5, 1980, entitled "Polymer Blends With Improved Hydrolytic Stability Comprising a Linear Aromatic Polyester and a Methacrylate Cross-Linked Acrylate Copolymer", of *G. Salee*;
6. U.S. Patent No. 4,211,687, issued July 8, 1980, entitled "Polymer blends With Improved Flame Retardance", of *G. Salee*;
7. U.S. Patent No. 4,221,694, issued September 9, 1980, entitled "Glass-Filled Polybutylene Terephthalate Compositions of Diminished Warpage", of *G. Salee*;
8. U.S. Patent No. 4,251,429, issued February 17, 1981, entitled "Polymer Blends With Improved Flame Retardance", of *G. Salee*;
9. U.S. Patent No. 4,256,625, issued March 17, 1981, entitled "Polyester Compositions of Enhanced Tensile Strength on Ageing", of *N.W. Dachs*;
10. U.S. Patent No. 4,284,549, issued August 18, 1981, entitled "Polymer Blends With Improved Hydrolytic Stability", of *G. Salee*;
11. U.S. Patent No. 4,345,059, issued August 17, 1982, entitled "Fire Retardant Epoxy Resins Containing 3-Hydroxyalkylphosphine Oxides", of *E.R. Fretz, Jr., et al.*;
12. U.S. Patent No. 4,444,960, issued April 24, 1984, entitled "Polymer Blends With Improved Hydrolytic Stability", of *G. Salee et al.*;
13. U.S. Patent No. 4,866,155, issued September 12, 1989, entitled "Polyester of Bis(2-(Hydroxyphenyl)-Hexa-Fluoroisopropyl)Diphenyl Ether", of *W.H. Mueller et al.*;

14. U.S. Patent No. 5,376,453, issued December 27, 1994, entitled "Epoxy Resin Compounds in Admixture with Glycidyl Phosphorus Compounds and Heterocyclic Polyamides", of *W. von Gentzkow et al.*;
15. U.S. Patent No. 5,399,654, issued March 21, 1995, entitled "Method for the Production of Phosphorus-Containing Aromatic Polyester", of *Y.H. Ko et al.*;
16. U.S. Patent No. 5,458,978, issued October 17, 1995, entitled "Epoxy Resin Systems Containing Glycidylated Aromatic Amines, Phosphorus Epoxies and Metal Salts", of *A. Böttcher et al.*;
17. U.S. Patent No. 5,508,462, issued April 16, 1996, entitled "Process for Making Hydroxy-Terminated Aromatic Oligomeric Phosphates", of *D.A. Bright et al.*;
18. U.S. Patent No. 5,576,357, issued November 19, 1996, entitled "One-Component Reactive Resin System Comprising a Cure-Inhibiting Glycidyl Phosphorus Compound", of *H. Bayer et al.*;
19. U.S. Patent No. 5,587,243, issued December 24, 1996, entitled "Epoxy Resin Mixtures Containing Phosphonic/Phosphinic Acid Anhydride Adducts", of *W. von Gentzkow et al.*;
20. U.S. Patent 5,648,171, issued July 15, 1997, entitled "Epoxy Resin Mixtures Containing Phosphorus Acid/Epoxy Resin Adducts", of *W. von Gentzkow et al.*; and
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3. PCT Publication No. WO 01/42359 A1, published June 14, 2001, of The Dow Chemical Company;
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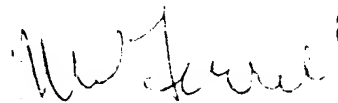
C. **Publications**

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10. "Sn-Zn System Lead Free Solder Paste", Japan Printed Circuit Association, April 2001, pp. 1-18;
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April 16, 2002

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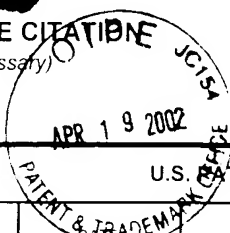
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